We Claim:

7. System for charging, in a packet based
telecommunication network, the packet load per connection,
characterized by a measuring device (2) for measuring the
time period (t) between a set number (N) of received or
transmitted packets belonging to the same connection.

8. System according to claim 7, characterized by a
calculation device (4) for calculating the number of packets
per said period of time (t) and supplying that calculation
result (-r-) to a billing system (5).

9. System according to claim 8, in which the
telecommunication network comprises system packets (RM,
RESV) which comprise an indication (r1) of the capacity or
priority requested by the user, characterized by a detection
device (2) for reading out said indication out of the system
packets and transferring that indication to the billing
system.

10. System according to claim 8, in which the
telecommunication system comprises system packets (RM,
RESV) which comprise an indication (r2) of the capacity or
priority assigned by the telecommunication system,
characterized by a detection device (2') for reading out
said indication out of the system packets and transferring
that indication to the billing system.

11. System according to claim 8, characterized by an
aggregation device (6) for aggregating the calculation
result (r) and passing on the aggregated result (ra) to the
billing system.

1   12.   System according to claim 9, characterized by an
2   aggregation device (6) for aggregating said capacity or
3   priority indications (ri, r2) and passing on the aggregated
4   indications (rla, r2a) to the billing system.

1   13.   System according to claim 10, characterized by an
2   aggregation device (6) for aggregating said capacity or
3   priority indications (r1, r2) and passing on the aggregated
4   indications (rla, r2a) to the billing system.